Refine Search

Search Results -

Term	Documents
(6 NOT 3).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	77
(L6 NOT L3).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	77

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L7

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Monday, August 29, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=AND			
L7	L6 not L3	77	L7
L6	L5 and ((quiescent adj cell) or progenitor or (stem adj cell))	91	L6
L5	L4 and L2	111	L5
L4	(chimeric or fusion) same (cytokine or (growth adj factor) or interleukin)	10025	L4
L3	L2 same ((growth adj factor)or cytokine or interleukin)	21	L3
L2	(retroviral adj packaging) adj cell	515	L2
L1	Russell-Stephen-James.in.	31	L1

END OF SEARCH HISTORY

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                    Welcome to DialogClassic Web(tm)
 Dialog level 05.06.01D
Last logoff:  25aug05 14:43:31
Logon file001 29aug05 14:57:44
          *** ANNOUNCEMENT ***
                    ***
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***ANTE: Abstracts in New Technologies (File 60)
***Civil Engineering Abstracts (File 61)
***Aluminium Industry Abstracts (File 33)
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***FDAnews (File 182)
***German Patents Fulltext (File 324)                    ***
RESUMED UPDATING
***Canadian Business and Current Affairs (262)
***CorpTech (559)
                    ***
Chemical Structure Searching now available in Prous Science Drugs
of the Future (F453), IMS R&D Focus (F445), Beilstein Facts (F390),
and Derwent Chemistry Resource (F355).
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     >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
     >>>   of new databases, price changes, etc.      <<<
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KWIC is set to 50.
HILIGHT set on as ' '
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File   1:ERIC 1966-2004/Jul 21
       (c) format only 2004 Dialog
 *File   1: Updates suspended by ERIC until
Q3, 2005

      Set  Items  Description
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Cost is in DialUnits
?

B 155, 5, 73
       29aug05 14:58:02 User259876 Session D787.1
            $0.80    0.228 DialUnits File1
     $0.80  Estimated cost File1
     $0.06  INTERNET
     $0.86  Estimated cost this search
     $0.86  Estimated total session cost   0.228 DialUnits

SYSTEM:OS  - DIALOG OneSearch
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  File 155:MEDLINE(R) 1951-2005/Aug W4
       (c) format only 2005 Dialog
  File   5:Biosis Previews(R) 1969-2005/Aug W3
       (c) 2005 BIOSIS
  File  73:EMBASE 1974-2005/Aug 29
       (c) 2005 Elsevier Science B.V.

      Set  Items  Description
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?

S (RETROVIRAL (W) PACKAGING (W) CELL?)
Processing
          40981  RETROVIRAL
          34176  PACKAGING
        9678543  CELL?
      S1    175  (RETROVIRAL (W) PACKAGING (W) CELL?)
?

S (CHIMERIC OR FUSION) (S) (CYTOKINE OR (GROWTH (W) FACTOR) OR INTERLEUKIN)
          66535  CHIMERIC
         291217  FUSION
         274436  CYTOKINE
        2363401  GROWTH
        2369300  FACTOR
         494584  GROWTH(W)FACTOR
         479015  INTERLEUKIN
      S2  15236  (CHIMERIC OR FUSION) (S) (CYTOKINE OR (GROWTH (W) FACTOR)
                 OR INTERLEUKIN)
?

S S1 AND S2
            175  S1
          15236  S2
      S3      2  S1 AND S2
?

RD
...completed examining records
      S4      2  RD (unique items)
?

T S4/3,K/ALL

 4/3,K/1     (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2005 Dialog. All rts. reserv.

14911728   PMID: 12899748
  [Treatment of hepatocellular carcinoma by transfecting interleukin -12
 and  interleukin -2  fusion□ gene intrasplenically, an experimental study]□
  Yang Jia-he; Fan Rui-fang; Qian Qi-jun; You Tian-geng; Xue Hui-bin; Su
Chang-qing; Cao Hui-fang; Wu Meng-chao
  Eastern Hepatobilliary Surgery Hospital, Second Military Medical
University Shanghai 200438, China.
  Zhonghua yi xue za zhi (China) May 10 2003, 83 (9) p740-3, ISSN
0376-2491 Journal Code: 7511141
  Publishing Model Print
  Document type: Journal Article ; English Abstract
  Languages: CHINESE
```

Main Citation Owner: NLM
Record type: MEDLINE; Completed

[Treatment of hepatocellular carcinoma by transfecting interleukin **-12 and** interleukin **-2** fusion□ gene intrasplenically, an experimental study]□
OBJECTIVE: To study the inhibitory effect of **retroviral packaging cells** injected intrasplenically encoding mouse **interleukin** -12 (mIL-12) and human **interleukin** -2 (hIL-2) **fusion** gene on the growth of hepatocellular carcinoma. METHODS: The retroviral vectors encoding mIL-12 gene, hIL-2 gene, and mIL-12 and hIL-2 genes, GCIL12EXPN, GCXEIL2PN, and GCIL12EIL2PN were constructed and then transfected into the **retroviral packaging cells** PA317 to construct cells PA317-GCIL12EXPN, PA317-GCXEIL2PN, and PA317-GCIL12EIL2PN. Rat hepatocellular carcinoma cells CBRH3 were implanted into the livers of Wistar rats to...

...10(7) cells/rat 1, 3, 5, or 7 days after the implantation, group IV, n = 40), and PA317-GCIL12EIL2PN containing IL-12-IL-2 **fusion** gene (1 x 10(7) cells/rat 1, 3, 5, or 7 days after the implantation, group V, n = 40) respectively. The rats surviving longer...

... day before and 3, 7, 30, and 60 days after treatment. RESULTS: The average survival times of the rats treated with IL-12-IL-2 **fusion** gene at the first, third, fifth and seventh day after tumor implantation were 53.3 +/- 3.7 days, 49.3 +/- 4.2 days, 31.0...

... and 19.4 +/- 2.1 days respectively, P < 0.001). Long survival (>or= 60 days) rate in the rats treated with IL-12-IL-2 **fusion** gene on the first and third day was 30%. The serum mIL-12 and hIL-2 levels in these rats remained high on the 60th day after treatment. The pathological study showed that the number of infiltrating lymphocytes in liver tumor tissues was increased in the IL-12-IL-2 **fusion** gene treatment group. CONCLUSION: The **retroviral packaging cell** line injected intrasplenically encoding mIL-12 and hIL-2 **fusion** gene inhibits the growth of hepatocellular carcinoma significantly in rats. The therapeutical efficacy of early administration is superior to that of late one.

4/3,K/2 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0014887161 BIOSIS NO.: 200400257918
Materials and methods relating to the transfer of nucleic acid into quiescent cells
AUTHOR: Russell Stephen James (Reprint); Fielding Adele Kay; Casimir Colin Maurice
AUTHOR ADDRESS: Cambridge, UK**UK
JOURNAL: Official Gazette of the United States Patent and Trademark Office Patents 1281 (3): Apr. 20, 2004 2004
MEDIUM: e-file
PATENT NUMBER: US 6723561 PATENT DATE GRANTED: April 20, 2004 20040420
PATENT CLASSIFICATION: 435-377 PATENT ASSIGNEE: Mayo Foundation for Medical Education and Research PATENT COUNTRY: USA
ISSN: 0098-1133 _(ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: for transferring nucleic acid encoding a polypeptide for treating a disease or disorder into populations of quiescent cells such

as haematopoietic stem cells (HSCs), using **retroviral packaging cell** lines and retroviral particles expressing and display a growth factor such as stem cell factor (SCF) on the cell surface or as a **fusion** with a viral envelope protein. The present invention also relates to compositions comprising the **retroviral packaging cell** lines and retroviral particles, and their use in methods of medical treatment, in vivo and ex vivo.

```
?


Set     Items   Description
S1        175   (RETROVIRAL (W) PACKAGING (W) CELL?)
S2      15236   (CHIMERIC OR FUSION) (S) (CYTOKINE OR (GROWTH (W) FACTOR) -
             OR INTERLEUKIN)
S3          2   S1 AND S2
S4          2   RD (unique items)
?

S (QUIESCENT (W) CELL?) OR PROGENITOR? OR (STEM (W) CELL?)
Processing
Processing
           34533  QUIESCENT
         9678543  CELL?
            6133  QUIESCENT(W)CELL?
          100384  PROGENITOR?
          381602  STEM
         9678543  CELL?
          199635  STEM(W)CELL?
      S5  263991  (QUIESCENT (W) CELL?) OR PROGENITOR? OR (STEM (W) CELL?)
?


Set     Items   Description
S1        175   (RETROVIRAL (W) PACKAGING (W) CELL?)
S2      15236   (CHIMERIC OR FUSION) (S) (CYTOKINE OR (GROWTH (W) FACTOR) -
             OR INTERLEUKIN)
S3          2   S1 AND S2
S4          2   RD (unique items)
S5     263991   (QUIESCENT (W) CELL?) OR PROGENITOR? OR (STEM (W) CELL?)
?

S S1 AND S5
             175  S1
          263991  S5
      S6      28  S1 AND S5
?

S S6 AND (CYTOKINE? OR (GROWTH (W) FACTOR?) OR INTERLEUKIN? OR SCF
>>>Unmatched parentheses
?

S S6 AND (CYTOKINE? OR (GROWTH (W) FACTOR?) OR INTERLEUKIN? OR SCF)
              28  S6
          401516  CYTOKINE?
         2363401  GROWTH
         4824092  FACTOR?
          544380  GROWTH(W)FACTOR?
          483512  INTERLEUKIN?
           10620  SCF
      S7       8  S6 AND (CYTOKINE? OR (GROWTH (W) FACTOR?) OR INTERLEUKIN?
```

OR SCF)
?

RD
...completed examining records
S8 5 RD (unique items)
?

T S8/3,K/ALL

8/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

16241074 PMID: 15468194
Growth factor **displayed on the surface of retroviral particles without manipulation of envelope proteins is biologically active and can enhance transduction.**
Chandrashekran Anil; Gordon Myrtle Y; Darling David; Farzaneh Farzin; Casimir Colin
Department of Haematology, Faculty of Medicine, Imperial College of Science Technology & Medicine, Du Cane Road, London W12 0NN, UK.
journal of gene medicine (England) Nov 2004, 6 (11) p1189-96, ISSN 1099-498X Journal Code: 9815764
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: In Process

Growth factor **displayed on the surface of retroviral particles without manipulation of envelope proteins is biologically active and can enhance transduction.**
... report we have tested whether the natural budding mechanism of the retrovirus could be exploited to incorporate a specific molecule into the retroviral surface. METHODS: **Retroviral packaging cells** were engineered to express the membrane-bound form of human **stem cell** factor (mbSCF). Surface expression of mbSCF on **retroviral packaging cells** was confirmed by immunofluorescence and flow cytometry. Incorporation of mbSCF into retroviral particles was demonstrated by virus-binding assay and immunomagnetic capture of virus using antibody to **SCF** . Retroviral supernatants were tested for activity of the incorporated **cytokine** by proliferation assays on factor-dependent cells. Amphotropic retrovirus displaying surface mbSCF was used to transduce **SCF** receptor-positive haematopoietic cells. RESULTS: Retroviruses incorporating surface **SCF** showed increased levels of binding to cells (MO7e) expressing the **SCF** receptor, c-kit. mbSCF displayed on the viral surface retained levels of biological activity comparable with those of soluble recombinant **growth factor** . Transduction of c-kit-positive target cells with viruses displaying mbSCF showed enhanced levels of transduction in comparison with unmodified viruses. CONCLUSIONS: Expression of the membrane-bound form of human **stem cell** factor (mbSCF) on the surface of **retroviral packaging cells** allows its efficient incorporation into retrovirus particles in a biologically active form, opening up the possibility for the use of retroviral display in many therapeutic...

8/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

12849549 PMID: 10791900
Distinct effect of retroviral-mediated IFN-alpha gene transfer on human erythroleukemic and CD34+ cell growth and differentiation.
Quan S; Feldman E; Yang L; Wagener F A; Farley T J; Abraham N G; Ahmed T
Department of Pharmacology, Saint Vincent Hospital, New York Medical College, Valhalla 10595, USA.
Journal of hematotherapy & stem cell research (UNITED STATES) Oct 1999, 8 (5) p491-502, ISSN 1525-8165 Journal Code: 100892915
Contract/Grant No.: HL54138; HL; NHLBI
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

...and LNC-IFN-alpha, in which IFN-alpha cDNA was driven by viral LTR and CMV promoters, respectively. After transduction into the PA317 and PG13 **retroviral packaging cells** , high titers of retrovirus were produced and were used to infect K562 and human BM CD34+ hematopoietic cells. The IFN-alpha gene expression in transduced...
... of IFN-alpha gene transfer on human CD34+ cells infected with LSN-IFN-alpha retrovirus with the aid of fibronectin (FN) fragment CH-296 and **growth factors** . RIA showed that IFN-alpha-transduced CD34+ cells produced 72.2+/-15 U/ml of IFN-alpha compared with 4.3+/-1.2 U/ml...
Descriptors: *Bone Marrow Cells--cytology--CY; *Cell Differentiation; *Gene Transfer Techniques; *Hematopoietic **Stem Cells** --cytology--CY; *Interferon-alpha--genetics--GE

8/3,K/3 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
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12526077 PMID: 9834203
Highly efficient transduction of the green fluorescent protein gene in human umbilical cord blood stem cells **capable of cobblestone formation in long-term cultures and multilineage engraftment of immunodeficient mice.**
van Hennik P B; Verstegen M M; Bierhuizen M F; Limon A; Wognum A W; Cancelas J A; Barquinero J; Ploemacher R E; Wagemaker G
Institute of Hematology, Erasmus University Rotterdam, The Netherlands; and the Department of Cryobiology and Cell Therapy, Institut de Recerca Oncologica, Barcelona, Spain.
Blood (UNITED STATES) Dec 1 1998, 92 (11) p4013-22, ISSN 0006-4971 Journal Code: 7603509
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

Highly efficient transduction of the green fluorescent protein gene in human umbilical cord blood stem cells **capable of cobblestone formation in long-term cultures and multilineage engraftment of immunodeficient mice.**
... or with SF-EGFP, in which EGFP expression is driven by a hybrid promoter of the spleen focus-forming virus (SFFV) and the murine embryonic **stem cell** virus (MESV). Infectious MFG-EGFP virus was produced by an amphotropic virus producer cell line (GP+envAm12). SF-EGFP was produced in the PG13 cell line pseudotyped for the gibbon ape leukemia virus (GaLV) envelope proteins. Using a 2-day **growth factor** prestimulation, followed

by a 2-day, fibronectin fragment CH-296-supported transduction, CD34(+) and CD34(+)CD38(-) UCB subsets were efficiently transduced using either vector. The use of the SF-EGFP/PG13 **retroviral packaging cell** combination consistently resulted in twofold higher levels of EGFP-expressing cells than the MFG-EGFP/Am12 combination. Transplantation of 10(5) input equivalent transduced CD34...

...that the NOD/SCID repopulating cells were successfully transduced. EGFP+ cells were found in all human hematopoietic lineages produced in NOD/SCID mice including human **progenitors** with in vitro clonogenic ability. EGFP-expressing cells were also detected in the human cobblestone area-forming cell (CAFC) assay at 2 to 6 weeks...

...cell line FBMD-1. During the transduction procedure the absolute numbers of CAFC week 6 increased 5- to 10-fold. The transduction efficiency of this **progenitor** cell subset was similar to the fraction of EGFP+ human cells in the bone marrow of the NOD/SCID mice transplanted with MFG-EGFP/Am12...
Descriptors: *Gene Transfer Techniques; *Hematopoietic **Stem Cell** Transplantation; *Hematopoietic **Stem Cells** --physiology--PH; *Luminescent Proteins--genetics--GE; Animals; Cell Differentiation; Cells, Cultured; Colony-Forming Units Assay--methods--MT; Fetal Blood--cytology --CY; Graft Survival; Hematopoietic **Stem Cells** --cytology--CY; Humans; Mice; Mice, SCID

8/3,K/4 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0014887161 BIOSIS NO.: 200400257918
Materials and methods relating to the transfer of nucleic acid into quiescent cells
AUTHOR: Russell Stephen James (Reprint); Fielding Adele Kay; Casimir Colin Maurice
AUTHOR ADDRESS: Cambridge, UK**UK
JOURNAL: Official Gazette of the United States Patent and Trademark Office Patents 1281 (3): Apr. 20, 2004 2004
MEDIUM: e-file
PATENT NUMBER: US 6723561 PATENT DATE GRANTED: April 20, 2004 20040420
PATENT CLASSIFICATION: 435-377 PATENT ASSIGNEE: Mayo Foundation for Medical Education and Research PATENT COUNTRY: USA
ISSN: 0098-1133 _(ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

Materials and methods relating to the transfer of nucleic acid into quiescent cells

ABSTRACT: Materials and methods for transferring nucleic acid encoding a polypeptide for treating a disease or disorder into populations of **quiescent cells** such as haematopoietic **stem cells** (HSCs), using **retroviral packaging cell** lines and retroviral particles expressing and display a **growth factor** such as **stem cell** factor (□SCF□) on the cell surface or as a fusion with a viral envelope protein. The present invention also relates to compositions comprising the **retroviral packaging cell** lines and retroviral particles, and their use in methods of medical treatment, in vivo and ex vivo.
DESCRIPTORS:
ORGANISMS: PARTS ETC: hematopoietic **stem cells** --...

... **quiescent cells**
CHEMICALS & BIOCHEMICALS: ... **stem cell** factor

8/3,K/5 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0013563981 BIOSIS NO.: 200200157492
Establishment of a stable RD114 retroviral packaging cell **line that efficiently transduces human hematopoietic** progenitors
AUTHOR: Ward Maureen; Sattler Rose; Baxi Laxmi; Reyngold Marcia; Bank Arthur (Reprint)
AUTHOR ADDRESS: Medicine, Columbia U., New York City, NY, USA**USA
JOURNAL: Blood 98 (11 Part 2): p408b November 16, 2001 2001
MEDIUM: print
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of Hematology, Part 2 Orlando, Florida, USA December 07-11, 2001; 20011207
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

Establishment of a stable RD114 retroviral packaging cell **line that efficiently transduces human hematopoietic** progenitors

ABSTRACT: The RD114 feline endogenous virus envelope (env) has been reported to transfer and express GFP into human hematopoietic **stem cells** (HSC) at a high level as assessed in NOD-SCID mice (Kelly et al Blood 96:1206, 2000)). In these studies, transient packaging systems in ...

...envAm12 line (Ampho-Neo). CD34+ cord blood cells were isolated by negative selection, transduced on Retronectin in serum-free media (IMDM, 20% BIT) and with **growth factors** (IL-6, FLT3 ligand, G-CSF, **SCF** , and TPO). PCR analysis of methylcellulose colonies from transduced cells showed 10-20% of the colonies positive for NeoR in different experiments. These results suggest...
DESCRIPTORS:
...ORGANISMS: PARTS ETC: hematopoietic **stem cell** --
?

Set	Items	Description
S1	175	(RETROVIRAL (W) PACKAGING (W) CELL?)
S2	15236	(CHIMERIC OR FUSION) (S) (CYTOKINE OR (GROWTH (W) FACTOR) OR INTERLEUKIN)
S3	2	S1 AND S2
S4	2	RD (unique items)
S5	263991	(QUIESCENT (W) CELL?) OR PROGENITOR? OR (STEM (W) CELL?)
S6	28	S1 AND S5
S7	8	S6 AND (CYTOKINE? OR (GROWTH (W) FACTOR?) OR INTERLEUKIN? OR SCF)
S8	5	RD (unique items)

?

Set Items Description

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S1        175   (RETROVIRAL (W) PACKAGING (W) CELL?)
S2      15236   (CHIMERIC OR FUSION) (S) (CYTOKINE OR (GROWTH (W) FACTOR) -
             OR INTERLEUKIN)
S3          2   S1 AND S2
S4          2   RD (unique items)
S5     263991   (QUIESCENT (W) CELL?) OR PROGENITOR? OR (STEM (W) CELL?)
S6         28   S1 AND S5
S7          8   S6 AND (CYTOKINE? OR (GROWTH (W) FACTOR?) OR INTERLEUKIN? -
             OR SCF)
S8          5   RD (unique items)
?

COST
       29aug05 15:05:56 User259876 Session D787.2
            $7.51    2.208 DialUnits File155
               $0.84  4 Type(s) in Format  3
            $0.84  4 Types
     $8.35  Estimated cost File155
           $15.11    2.562 DialUnits File5
               $4.00  2 Type(s) in Format  3
               $0.16  1 Type(s) in Format 95 (KWIC)
            $4.16  3 Types
    $19.27  Estimated cost File5
           $21.62    2.034 DialUnits File73
    $21.62  Estimated cost File73
            OneSearch, 3 files,  6.803 DialUnits FileOS
     $2.13  INTERNET
    $51.37  Estimated cost this search
    $52.23  Estimated total session cost   7.032 DialUnits
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PALM INTRANET

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Date: 8/29/2005

Time: 15:33:50

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
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Last Name	**First Name**	
Russell	Stephen J	Search

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PALM INTRANET

Day : Monday
Date: 8/29/2005

Time: 15:33:50

Inventor Name Search

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Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	**First Name**	
Casimir	Colin	Search

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